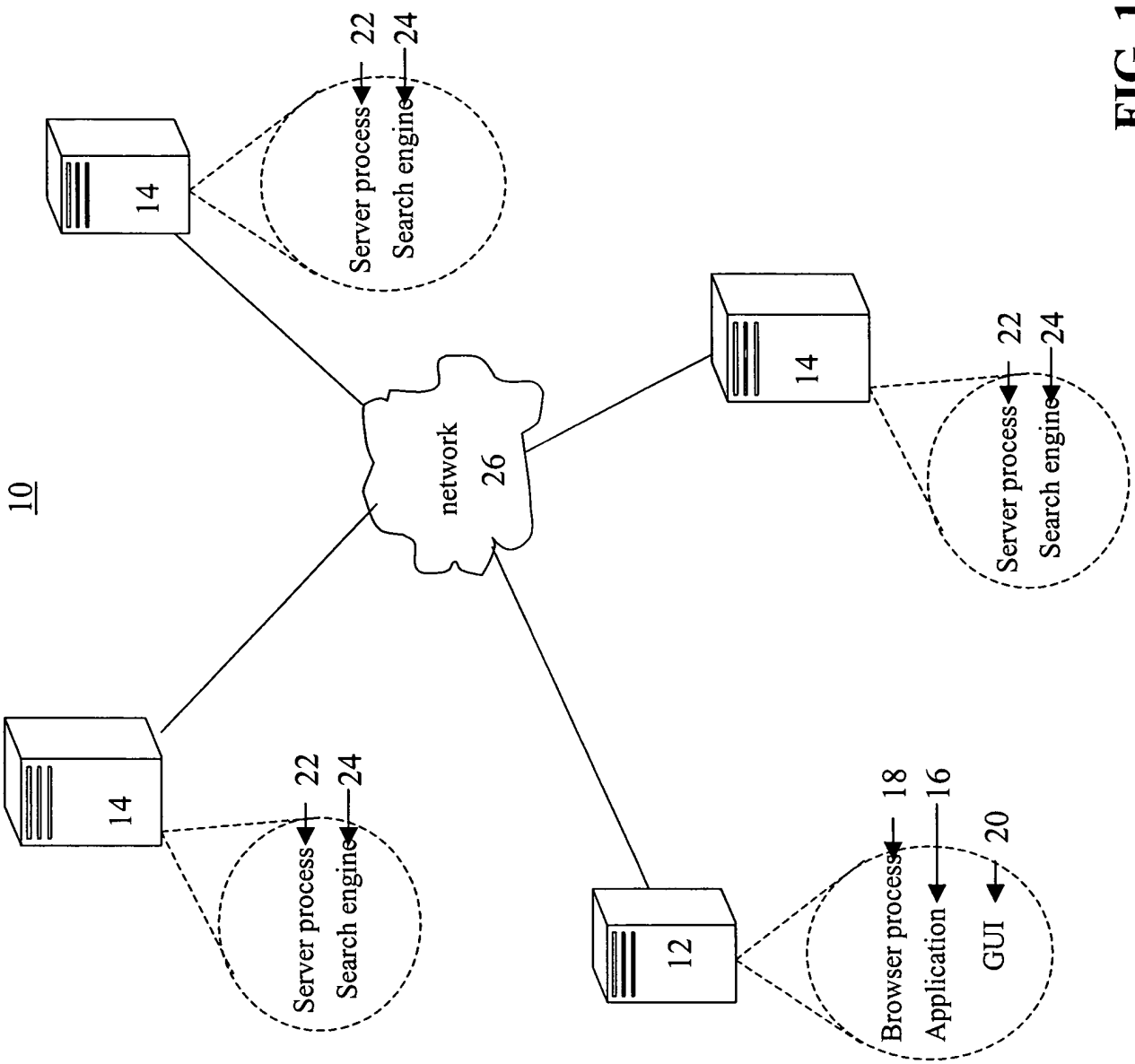
10
14
Server process
22
Search engine
24
network
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14
Server process
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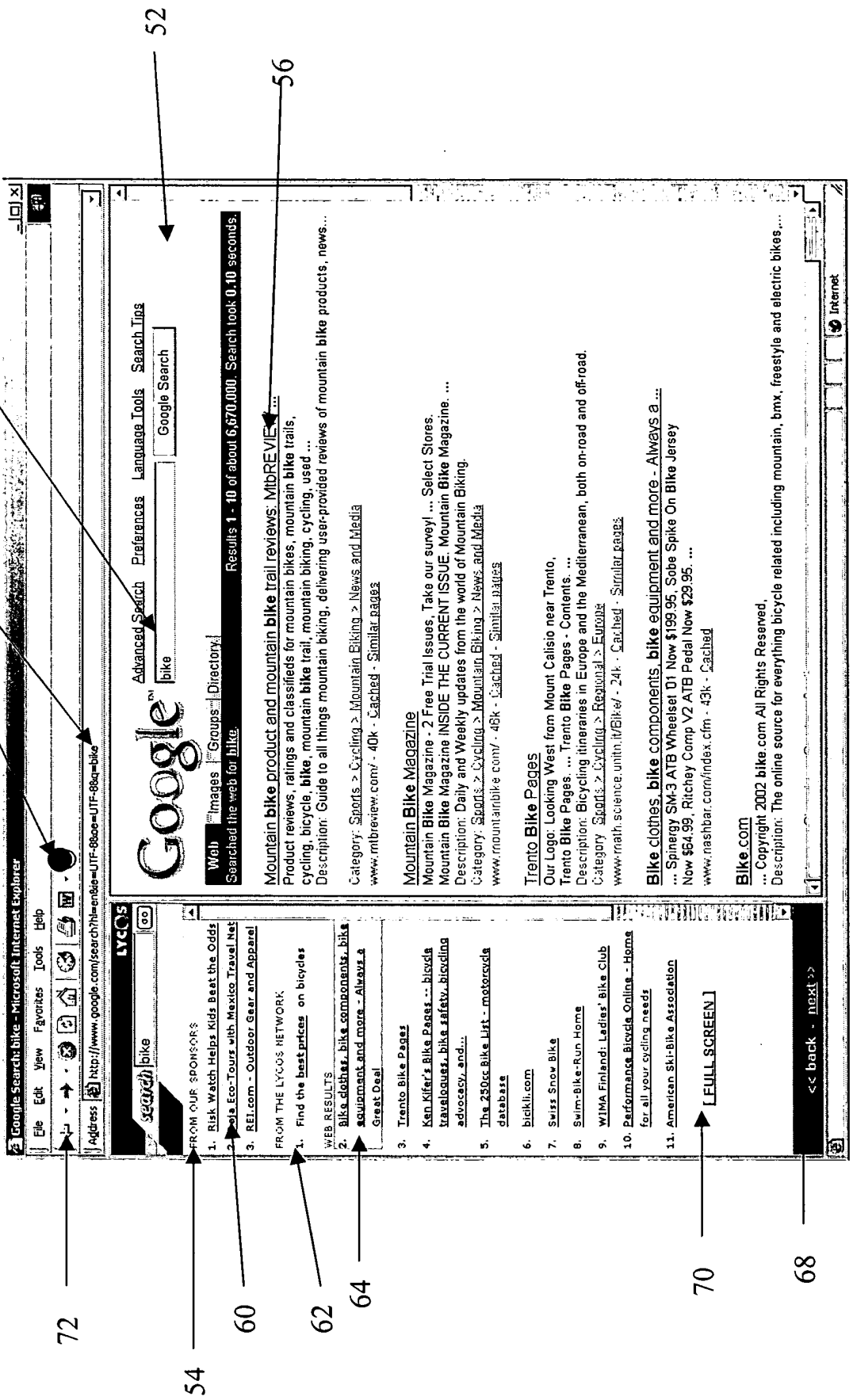
Search engine
24
14
Server process
22
Search engine
24
12
Browser process
18
Application
16
GUI
20

FIG. 1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76
Google Search: bike - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://www.google.com/search?hl=en&ie=UTF-8&oe=UTF-8&q=bike
Google
Advanced Search Preferences Language Tools Search Tips
bike
Google Search
Web Images Groups Directory
Searched the web for bike. Results 1 - 10 of about 6,670,000. Search took 0.10 seconds.
Mountain bike product and mountain bike trail reviews: MtbREVIEW ...
Product reviews, ratings and classifieds for mountain bikes, mountain bike trails, cycling, bicycle, bike, mountain bike trail, mountain biking, cycling, used ...
Description: Guide to all things mountain biking, delivering user-provided reviews of mountain bike products, news...
Category: Sports > Cycling > Mountain Biking > News and Media
www.mtbreview.com/ - 40k - Cached - Similar pages
Mountain Bike Magazine
Mountain Bike Magazine - 2 Free Trial Issues, Take our survey! ... Select Stores. Mountain Bike Magazine INSIDE THE CURRENT ISSUE. Mountain Bike Magazine. ...
Description: Daily and Weekly updates from the world of Mountain Biking.
Category: Sports > Cycling > Mountain Biking > News and Media
www.mountainbike.com/ - 46k - Cached - Similar pages
Trento Bike Pages
Our Logo: Looking West from Mount Calisio near Trento, Trento Bike Pages. ... Trento Bike Pages - Contents. ...
Description: Bicycling itineraries in Europe and the Mediterranean, both on-road and off-road.
Category: Sports > Cycling > Regional > Europe
www-math.science.unitn.it/Bike/ - 24k - Cached - Similar pages
Bike clothes, bike components, bike equipment and more - Always a ...
... Spinergy SM-3 ATB Wheelset '01 Now $199.95. Sobe Spike On Bike Jersey Now $64.99. Ritchey Comp V2 ATB Pedal Now $29.95. ...
www.nashbar.com/index.cfm - 43k - Cached
Bike.com
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Description: The online source for everything bicycle related including mountain, bmx, freestyle and electric bikes,...
LYCOS
search bike
FROM OUR SPONSORS
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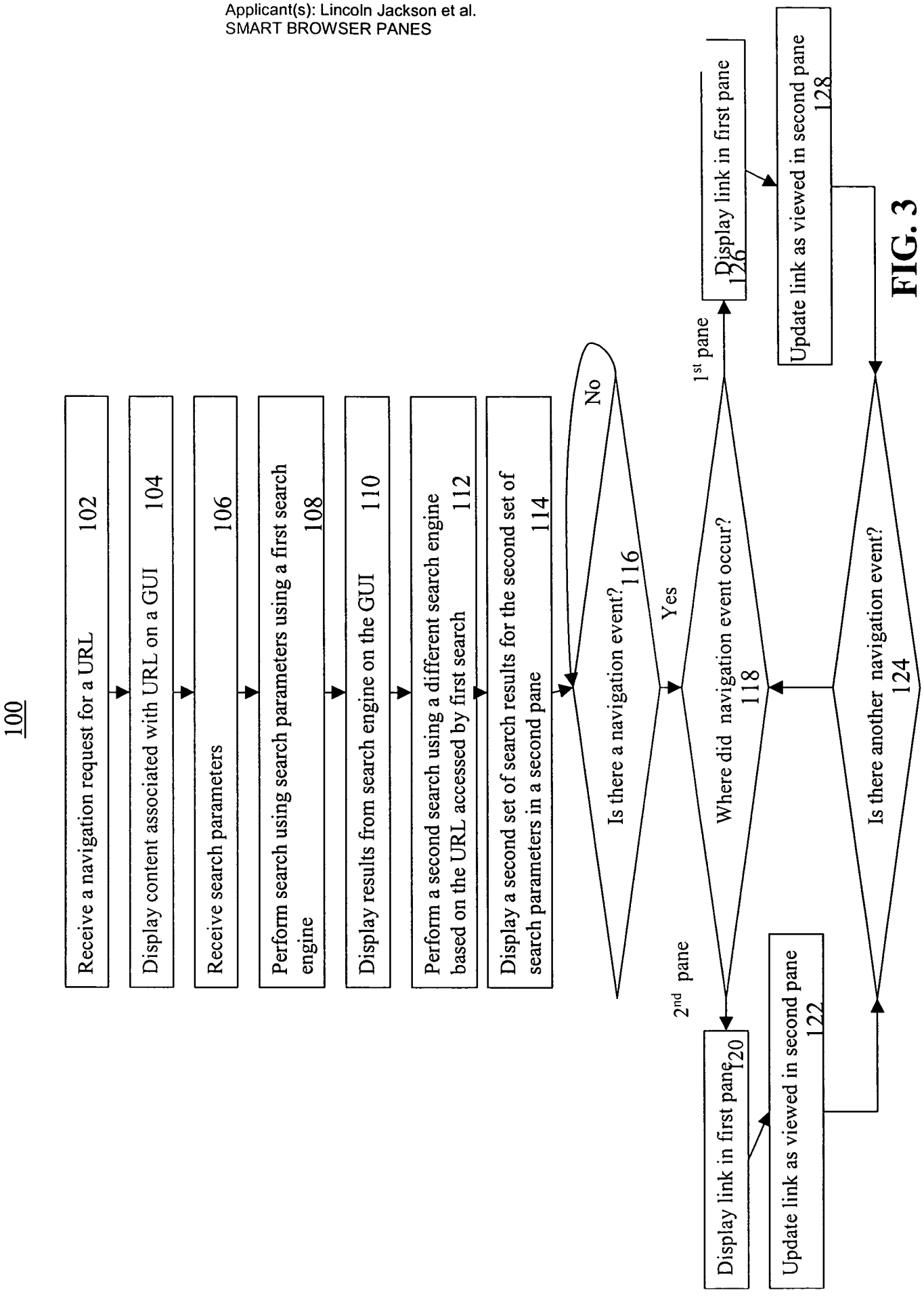
2. ola Eco-Tours with Mexico Travel Net
3. REI.com - Outdoor Gear and Apparel
FROM THE LYCOS NETWORK
1. Find the best prices on bicycles
WEB RESULTS
2. Bike clothes, bike components, bike equipment and more - Always a Great Deal
3. Trento Bike Pages
4. Ken Kifer's Bike Pages -- bicycle travelogues, bike safety, bicycling advocacy, and...
5. The 250cc Bike List - motorcycle database
6. bicikli.com
7. Swiss Snow Bike
8. Swim-Bike-Run Home
9. WIMA Finland: Ladies' Bike Club
10. Performance Bicycle Online - Home for all your cycling needs
11. American Ski-Bike Association
[FULL SCREEN]
<< back - next >>
Internet

FIG. 2


100
Receive a navigation request for a URL 102
Display content associated with URL on a GUI 104
Receive search parameters 106
Perform search using search parameters using a first search engine 108
Display results from search engine on the GUI 110
Perform a second search using a different search engine based on the URL accessed by first search 112
Display a second set of search results for the second set of search parameters in a second pane 114
Is there a navigation event? 116
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Where did navigation event occur? 118
2nd pane
1st pane
Display link in first pane 120
Update link as viewed in second pane 122
Display link in first pane 126
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FIG. 3

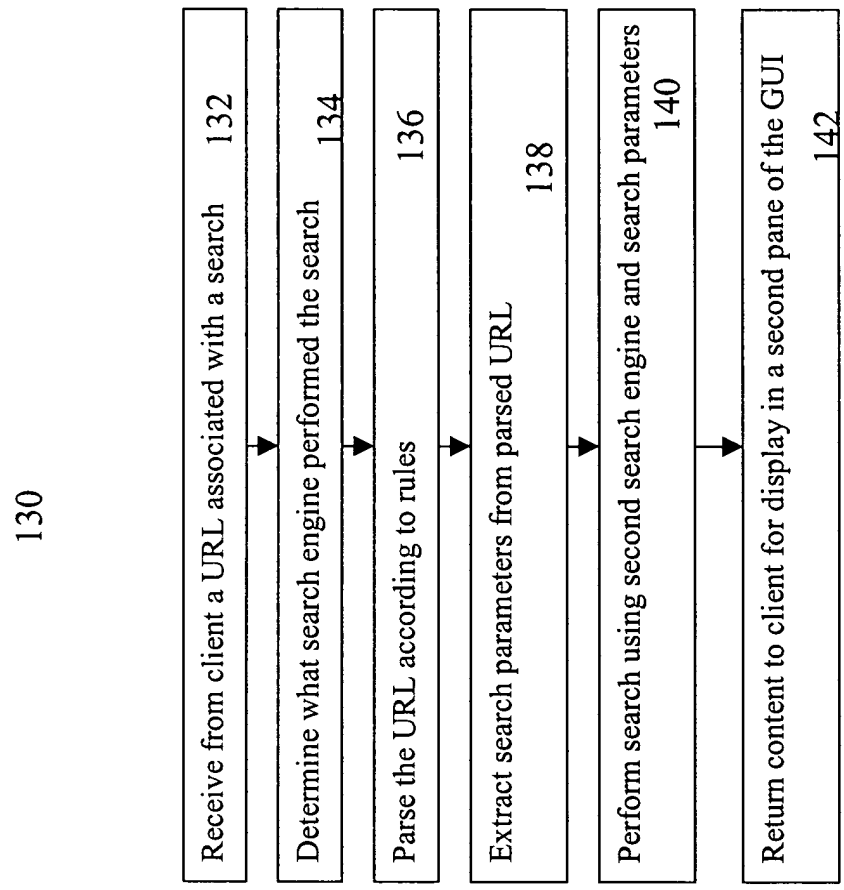
130
Receive from client a URL associated with a search 132
Determine what search engine performed the search 134
Parse the URL according to rules 136
Extract search parameters from parsed URL 138
Perform search using second search engine and search parameters 140
Return content to client for display in a second pane of the GUI 142

FIG. 4

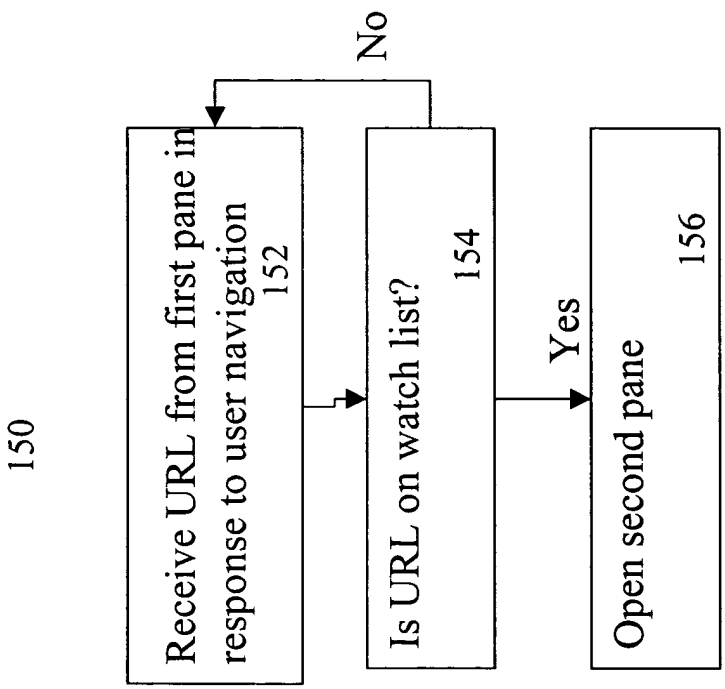
150
Receive URL from first pane in response to user navigation
152
Is URL on watch list?
154
No
Yes
Open second pane
156

FIG. 5

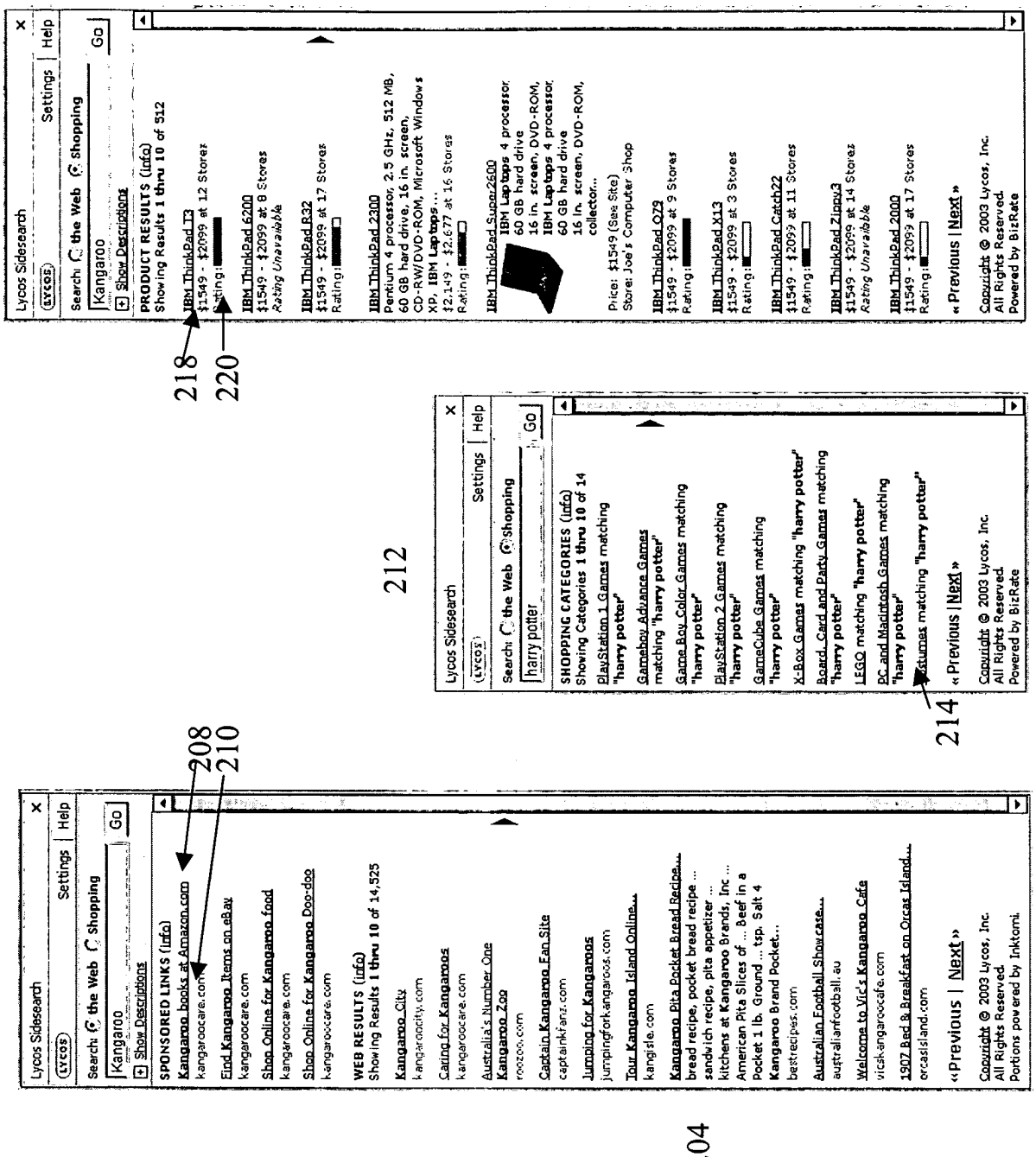

FIG. 6